

IN THE CLAIMS

1. (Currently Amended) A wheel assembly which comprises a first wheel member, a second side-by-side wheel member and a main body therebetween, said main body defining a slot or groove around a portion of a periphery thereof, a braking member which is movable along said slot between a first position out of contact with said first and second wheel members and a second position in contact with one of said first and second wheel members, blocking means for preventing the braking member from moving from said first position to said second position, trigger means for activating the braking member to move to said second position, and an EMR sensor for activating the trigger means, the blocking means being arranged to reset the braking member to the first position without manual interference.

2-6. (Canceled)

7. (Previously Presented) The wheel assembly according to Claim 1, wherein each of the first and second wheel members comprises a wheel and a wheel body, the diameter of the wheel body being less than the diameter of the wheel.

8. (Previously Presented) The wheel assembly according to Claim 7, including a fork supporting said first and second wheel members and an axle fastening means.

9. (Previously Presented) The wheel assembly according to Claim 1, including a peripheral brake foot.

10. (Canceled)

11. (Previously Presented) The wheel assembly according to Claim 1, wherein the trigger mechanism includes a latch which is operably linked to the sensor.

12. (Canceled)

13. (Previously Presented) The wheel assembly according to Claim 1, wherein the EMR sensor senses at least one of radio waves and light waves.

14. (Previously Presented) The wheel assembly according to Claim 13, wherein the EMR sensor senses infra red light.

15. (Previously Presented) A vehicle braking assembly for a wheel which is movable along a ground surface, said vehicle braking assembly comprising a braking member arranged to move relative to a main body of the wheel between an inoperative position and an operative position between the wheel and the ground surface, blocking means adapted to prevent the braking member from moving to an operative position and trigger means adapted to activate the braking member to move to an operative position, wherein the trigger means comprises a latch which is adapted to engage with a toothed portion of the body of the wheel.

16 (Canceled)

17. (Previously Presented) The vehicle braking assembly device according to Claim 15, wherein an inner portion of the wheel comprises recessed toothed region, positioned such that when the trigger is activated, the latch engages with a tooth.

18. (Previously Presented) The vehicle braking assembly device according to Claim 17, wherein when the brake is in the inoperable position, the latch is closed and the wheel and the recessed toothed portion of the wheel freely rotates, and when the trigger is activated, the latch engages with a toothed region of the recessed portion of the wheel which acts to move the brake from an inoperable position to an operable position.

19 (Previously Presented) The vehicle braking assembly device according to Claim 18, wherein the latch operates in a radial direction and the toothed portion of the wheel comprises a substantially circumferential recess.

20. (Previously Presented) The vehicle braking assembly device according to Claim 19, wherein the wheel is provided with a plurality of toothed recesses.

21. (Previously Presented) The vehicle braking assembly device according to Claim 16, wherein the blocking means comprises a resilient

biasing member which urges the braking member into the inoperable position.

22. (Previously Presented) The vehicle braking assembly device according to Claim 21, wherein the biasing member comprises a resilient spring.

23. (Previously Presented) The vehicle braking assembly device according to Claim 22, wherein the spring is situated adjacent or around the axle of the wheel assembly.

24. (Previously Presented) The vehicle braking assembly device according to Claim 23, wherein the wheel assembly is provided with an axial housing for the resilient spring.

25. (Previously Presented) The vehicle braking assembly device according to claim 15, wherein the braking mechanism is adapted to be automatically reset.

26. (Previously Presented) The vehicle braking assembly device according to Claim 25, including a second EMR source is provided which acts as a resetting beam.

27. (Previously Presented) The vehicle braking assembly device according to Claim 26, wherein the second EMR source triggers a solenoid, motor and/or bellows to revert to its rest position.

28. (Previously Presented) The wheel assembly according to Claim 1, wherein the EMR sensor is operably linked to an EMS tagging security system.

29. (Previously Presented) The vehicle braking assembly device according to Claim 15, including a solenoid or motor for operating the latch.

30. (Previously Presented) The vehicle braking assembly device according to Claim 29, wherein the solenoid or motor is operably linked to a bellows.

31. (Previously Presented) The vehicle braking assembly device according to Claim 29, including a support power supply.

32. (Previously Presented) The vehicle braking assembly device according to Claim 31, wherein the support power supply is a solid state battery.

33. (Previously Presented) The vehicle braking assembly device according to Claim 29, including a programmable integrated chip to which the solenoid is connected.

34. (Previously Presented) The vehicle braking assembly device according to Claim 15, which comprises a generator.

35. (Previously Presented) The vehicle braking assembly device according to claim 34, wherein the generator is connected to recharge the support power supply.

36. (Withdrawn) A vehicle wheel assembly adapted to act as a power generator comprises a fixed body member and a rotatably mounted wheel member, wherein one of the body member and the wheel member includes a stator and the other member includes a plurality of permanent magnets which are of alternating polarity.

37. (Withdrawn) A vehicle wheel assembly according to Claim 36, wherein one of a wheel member and a wheel body member includes a stator and the other member includes a plurality of permanent magnets which are of alternating polarity.

38. (Withdrawn) A vehicle wheel assembly according to Claim 36 or 37, wherein the body member includes a stator and the wheel member includes a plurality of permanent magnets.

39. (Canceled).